EMA

Estética & Mobiliario

Start Up Manual

Models 1000
2000
3000

CE YA

CE Youth Activator

December 2007

Index

Introduction	3
Chapter 1. Description of the device	4
Chapter 2. Starting up the device	5
Chapter 3. Technical characteristics	6
Chapter 4. Safety	7
Chapter 5. Description of the controls	10
Chapter 6. Installation	12
Chapter 7. Maintenance	14
Chapter 8. Accessories	16
Chapter 9. Assembly of the stand	17

Introduction

CEYA is an innovative diathermia device for beauty and physiotherapy related treatments. This manual provides the CEYA-user with all the necessary information on how to use the device, the control pannels, safety measures, installation and maintenance of the device and it helps to use and to take care of the device, but it cannot replace an appropriate training in the appliance of diathermia through radiofrequency devices for beauty and physiotherapy related treatments. The manufacturer of the device offers training courses on how to use CEYA. This user's manual includes the following information:

Chapter 1
Description of the device
Includes a general description of CEYA .

Chapter 2
User's instructions
Explains how to use CEYA

Chapter 3
Technical characteristics of the device

Chapter 4
Safety
Contains explanations and indications regarding the necessary safety measures when using CEYA

Chapter 5
Describes the different controls and their function in starting up the treatments

Chapter 6
Installation
Explains the electrical, environmental and space-related requirements necessary to instal CEYA

Chapter 7
Maintenance
Offers a detailed explanation on the maintenance of the device and its accessories.

Chapter 8
Accessories
Describes the accessories used with CEYA

Chapter 9
Assembly of the stand

Chapter 1

Description of the device.

We would like to thank you for your confidence in us and the devices you've just purchased. With this device, you incorporate the most advanced technology in your center and you introduce a tool which will rapidly become indispensable in order for you to obtain the best results in your beauty treatments.

1.1 Introduction to CEYA

This device offers you an advanced electro-aesthetic treatment option, based on a specific technology called TECHNOLOGY THROUGH ACTIVE MULTIPLATES. With this technique you will be able to perform a large variety of applications and you will see how the sessions efficiently turn into great results. You will furthermore learn to perform high quality beauty treatments.

WARNING:
This device is not a medical health product and it is not aimed at the diagnosis, control, treatment or soothing of any kind of illness, injury or deficiency whatsoever.

Before starting up the device, please READ THIS MANUAL CAREFULLY. Failure to do so may be dangerous and may harm thirds.

We also invite you to contact us or our distributor in case of doubt. It will be our pleasure to answer your questions.

STARTING UP THE DEVICE: general procedure

1. Before connecting the device to the 230V (110V) network, make sure the plug has an earthing lead.

2. While the device remains disconnected, connect the cable of the coaxial coupler to the corresponding active outlet connector (12.1) or connect the active plate to the connector of the corresponding outlet (12.1).

While the active plate can be connected to the active plate connectors of the other windows (12.2 or 12.3), we recommend connecting the facial and corporal coaxial coupler to the connector of the second window (12.1). When working with the two coaxial couplers at the same time, the third or fourth window can be used indistinctively (12.2 o 12.3).

3. Connect the cable of the passive plate to the connector of the passive outlet (13). When working with the coaxial coupler, no passive plate is being used.

4. Make sure the power control has been turned to zero (11).

5. Put the passive plate in contact with the client's skin.

6. Turn on the main switch (2).

7. Apply a layer of product to the coaxial coupler or the fixed active plate. The plate, however, can also be used directly without the need of any type of product.

a.-When using the coaxial coupler:
Put the coaxial coupler on the skin surface and move it around in small circles applying an even pressure.

b.- Using the fixed active plate:

b.1. Put the active plate on the treatment area and fix it with elastic straps. There most be total contact between the plastic cover of the plate and the skin.

1b. When using the fixed active plate, you might want to offer the client the safety control button, which has to be inserted in its corresponding connection (9). This way, the client himself can disconnect the device whenever he wants to even when the professional beautician is not around.

8. Program the treatment time with the help of the timer(5). Once you have selected the minutes through the corresponding buttons (7 and 8), press the start-button (6) . The treatment time will start running as from that moment on.

9. Activate the potency control (11). Adapt the potency of the device to the client's heat perception until you obtain a pleasant level.

10. Once the treatment time has come to an end, a sound signal will warn you that the treatment has finished. Press one of the time control buttons to stop the sound signal. This action will put the time to 0 and will stop the sound signal. It is important remembering that the timer controls the functioning of the device, so once the programmed treatment time has come to an end, the beauty treatment will automatically detain.

11. Consider the dose indicator (15) as a way to measure the energy applied to the person and as an indicador of the evolution in the treatment effect.

12. Turn off the device.

13. The active and passive plates are to be removed once the device has been disconnected.

3.1. TECHNICAL CHARACTERISTICS

SUPPLY VOLTAGE: 230 V (125 previous order) power supply frequency 50/60 Hz.
MAXIMUM OUTPUT: 300 / 420 / 900 W. depending on the model
MAXIMUM OUTPUT POTENCY: 360 W P.E.P. (3 x 120).
PROTECTOR FUSE: 7A.

This device uses radiofrequency currents to perform the treatment. Possible radio-interference has been reduced to the minimum. Nevertheless, certain characteristics of the building where the device is being installed can further reduce the possible radio-interferences (for instance, un earthing with a resistance that's too high). It may therefore be convenient to take some additional measures. Whenever possible, we suggest taking the following measures:

a. Availability of an independent earthing used for the CEYA device exclusively
b. Install the devices in a room that acts as a Faraday protection.

The non-ionizing radiation in the levels and potencies produced by the device are absolutely harmless for your health. The only necessary precaution is to make sure the device is being operated by a person qualified to give the client an appropriate treatment.

This device has a special level of protection against electrical discharges, especially in relation to the allowed leakage current and the re-liability of the ground faulte protection.

3.2 Label

Model: **CEYA 3000**
N/S: **S00000CH**

BLONSIDE, S.L.U.
Sant Martí de l'Erm 22
08970 – Sant Joan Despí (Barcelona)

CE

220/110V~ 50/60Hz 600VA
Made in Spain Fuse: 3A/6A (5x20mm)

Chapter 4

SAFETY NORMS

This device accomplishes the safety norms valid at the moment of its production. Nevertheless, the following safety advice should be taken into account:

1. Before operating the device, read this manual carefully.

2. The device has to be connected to a plug with earthing. Never connect to an installation that does not have a circuit breaker.

3. The device should not be used on clients with pacemakers or any other active implant.

4. This device produces currents fluctuating always between an active plate and its passive partner. The heart should never be in between both plates.

5. On the way between the active and the passive plate there should not be any metal elements (bony prostheses, for instance) nor should there by any infectuous processes. In case of doubt, consult a specialized doctor.

6. The potency control should always be turned to zero when putting the plates on the body.

7. Always apply the passive (metal) plate first, followed by the active (insulated) plate. Once the treatment has come to an end, first remove the active plate, followed by the passive plate.

8. Failure to observe the previously mentioned advice may cause burning when applying the passive (metal) plate with the device turned on. If this should occur for whatever what reason; contact the manufacturer (ema@ema.es) or your nearestby distributor.

9. This device should be used according to the indications of a qualified professional beautician.

CONTRA INDICATIONS

Ø Pregnancy

Ø Metal prostheses incluided in the electrical field

Ø Decompensated arterioathy

Ø Malignant neoplasias

Ø Active infectuous processes

Ø Pace-Maker

Ø Heat-insensible persons

Technical Service: 0034 93 477 42 61
Time: 8 a.m. until 3 p.m. (GMT). At other times: 0034 93 477 42 63.
Make sure to have at hand: your warranty, date of purchase, model of the device, serial number, your invoice and the distributor's data

SOLVING TECHNICAL PROBLEMS

We will now solve some of the most common problems that can occur with a CEYA device. If you have any further doubt or you believe your device might have a technical problem, read carefully the section 'SOLVING PROBLEMS' before contacting our technical service.

PROBLEM CAUSE SOLUTION

The device does not work

- The device is not plugged in.
-Plug in the device

- The plug does not receive any electrical current because the fuse has melt down or because the automatic potency limitator went down.
-Change the fuse or reconnect the automatic potency limitator.

- The switch has not been turned to ON.
-Turn the switch to ON.

The active plate does not warm up and the device does not indicate doses

- We have not programmed the timer or we have not pressed the ON/ OFF button of the timer.
-Program the timer with the time of your choice and press the ON/OFF button of the timer until the green led lightens up

-You have not selected the appropriate potency.
-Increase the potency until the temperature of your choice.

-Active plate has been cut or crossed.
-Replace with a new plate.

-Passive plate has been cut or crossed.
-Replace with a new plate.

-Failure in the plate's output.
-Contact Technical Service.

The active plate warms up, but the device does not indicate the doses

-Passive plate has been cut or crossed.
-Replace with a new plate.

-Failure in the dose counter (does not affect the device's functioning).
-Contact Technical Service

The coaxial coupler does not warm up

- It is normal when no thermical sensation is perceived during the coaxial coupler treatment. It will possibly take an entire treatment to obtain a slight thermical effect. The thermical sensation is almost imperceptible at the beginning and can become more intense throughout the treatment. The efficiency is not conditioned by the thermical effect: the efficiency remains even when there is no warmth.
-Continue the treatment

.

- We have not programmed the timer and we have not activated the timer's ON/OFF button.
-Program the timer with the time of your choice and press the timer's ON/OFF button until the green led lightens up.

-Coaxial coupler has been cut or crossed.
-Replace with a new coupler

-Faulure in the coaxial coupler's output
-Contact with the technical service

-The coaxial coupler does not seem to be functioning.
-Make sure the green led at the base of the coupler is lit. The intensity of this pilot varies in function of the potency selected on the device.

The coaxial coupler does not indicate doses

-The dose indicador of the outlet to which the coupler is connected does not register the current passing through.
-It is normal no doses are registered when working with the coaxial coupler. Continue working.

The doses increase very fast or very slowly

-The doses increase very fast when working with the plates or very slowly when working with smaller surfaces.
-This is normal. The absorption of doses also depends on the size of the accessories. Continue working.

One plate warms up more than the other

-During the treatment, one pair of plates warms up more than the other.
-This is normal. The perception of temperature varies according to the treatment area. In Multi-plate devices one outlet may warm up more than the others. This is a normal effect and has technical causes. Continue working.

The device warms up when the potency button is turned to zero

-The device continues functioning even when the potency button is turned to zero and the ON/OFF button has been activated.
-Contact Technical Service.

The device is connect, but no current passes through

-The safety control button is connected, the time has been programmed, the ON/OFF button has been activated and no current passes through
-Disconnect the safety control button and or press the button during the treatment.

During the treatment, you notice a lot of heat while working with the plates

-During the body treatments, one notices an excessive warmth that cannot be regulated by selecting lower potencies.
-Verify which part of the plastic cover that protects the plate you are using: the side with the gel or the smooth side. If you are working with the gel side, turn the plastic cover around. The treatment has to been done in such a way the smooth side without gel remains in contact with the skin. The gel side of the cover is only used when adapting the plates to irregular body parts and at moderate potencies.

The potency displays indicate -0 / EE or do not go to 99

-Deconfiguration of the numbers because of the temperature or the nature of the components (does not affect the device's functioning)
- Contact the Technical Service

You notice a decrease in the device's output

- Possible drop of tension – plates and gel bags worn down
- We recommend using a tension stabilizer, its characteristics are explained in the instructions manual
-Replace by new ones

DESCRIPTION OF THE CONTROLS

1. Model of the device: CEYA 1000/2000/3000

2. General network switch.

3. Connection of the network cable 230 V (110V) to an earthing.

4. Fuse.

5. Timer. Counts down time.

6. Button to start the timer. This control button activates and pauses the functioning of the device, thusly detaining the beauty treatment.

7. Control button to increase the time by ten (for instance, 10 or 20 minutes).

8. Control button to increase the units of the programmed time (for instance 7 or 17 minutes).

9. Jack connector for the client's safety control button.

    1. The device functions normally without connecting this safety accessory. We nevertheless recommend you connect it, especially when you're using plates.

    2. When this accessory is connected, the device will only function while the client keeps the button pressed and he can disactivate the device by letting the button go at the first inconvenience.

10. Pilot light indicating the device is functioning. Submitted to the safety button (9).

11. Potency control applied between:

    · OUTLET 1: 11.1. The coaxial coupler (12.1) or the fixed active plate (12.1) and the metal passive plate (13.1).
    · OUTLET 2: 11.2. The fixed active plate (12.2) and the metal passive plate (13.2).
    · OUTLET 3: 11.3. The fixed active plate (12.3) and the metal passive plate (133).

12. Connector of the big fixed active plate.

    · OUTLET 1: 121. This fixed active plate only works with the metal passive plate (131).
    · OUTLET 2: 12.2. This fixed active plate only works with the metal passive plate (132).
    · OUTLET 3: 12.3. This fixed active plate only works with the metal passive plate (133).

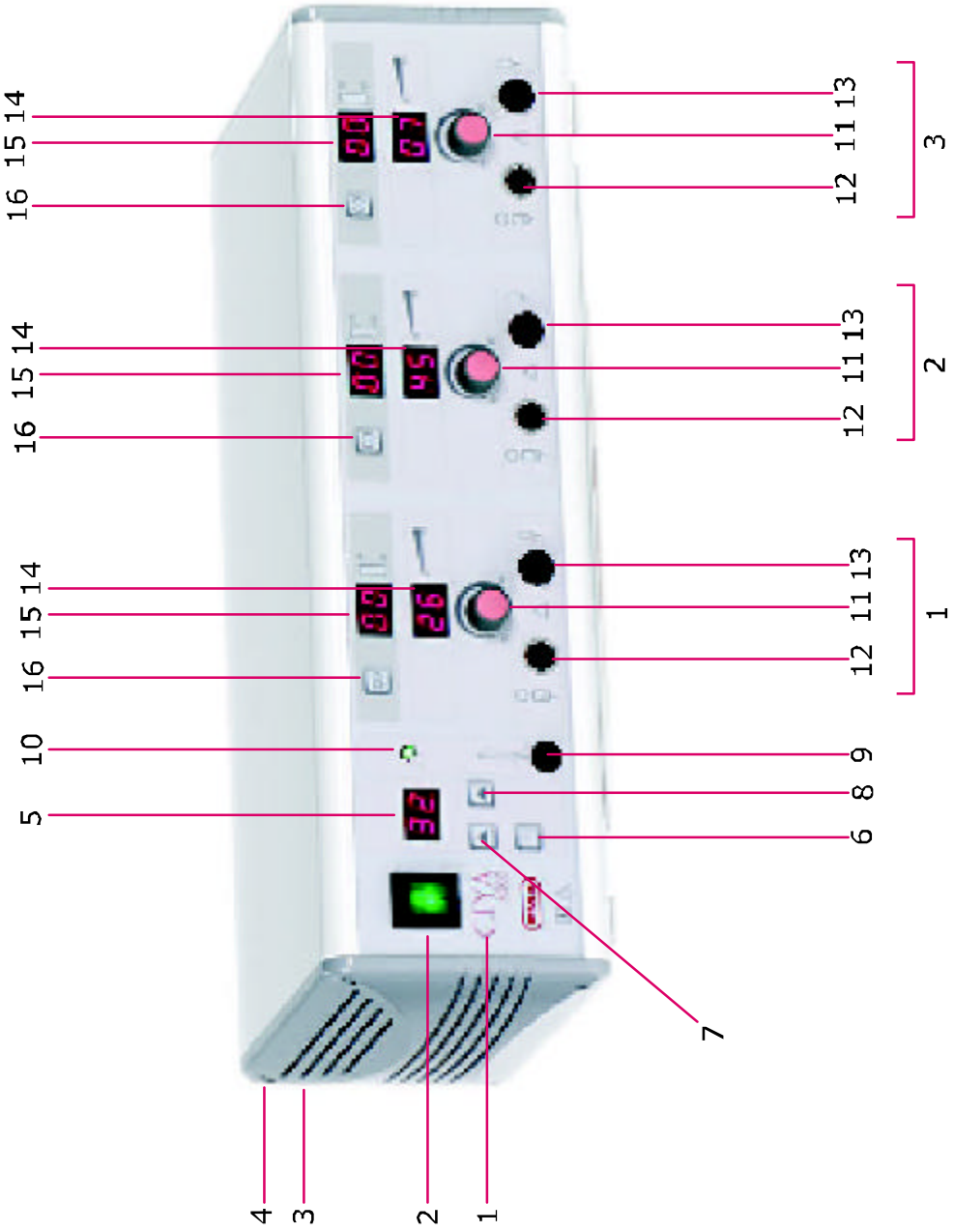
13. Connector passive plate.

    · OUTLET 1: 13.1. Connector for the passive plate (metal) corresponding to OUTLET 12.1.
    · OUTLET 2: 13.2. Connector for the passive plate (metal) corresponding to OUTLET 12.2.
    · OUTLET 3: 13.3. Connector for the passive plate (metal) corresponding to OUTLET 12.3.

14. Indicator of the potency applied between the active plates and its corresponding metal passive plates.

15. Energy doses obtained throughout the treatment between the active plates and its corresponding metal passive plates.

16. Control button to reset the energy dose indicator to zero (15).


14
15
16
13
11
12
3
14
15
16
13
11
12
2
14
15
16
13
11
12
1
10
9
5
8
6
7
4
3
2
1

Chapter 6

Installation

CEYA has been designed in such a way its installation requires little preparation.

6.1 Material you receive

· CEYA 1000/2000/3000
· 1/2/3 active plates
· 1/2/3 passive plates
· 1/2/3 protective hygienic covers made of polyurethane
· 1/2/3 protective hygienic cobres of polyurethane with a gel filling.
· 1 network cable for connection to the electricity network
· Safety control button
· 1 User's manual
· 2/4/6 elastic straps 80 cm.
· 2/4/6 elastic straps 60 cm.
· 2/4/6 elastic straps 40 cm.
· Coaxial coupler 41 mm.
· Coaxial coupler 58 mm.

6.2 Positioning of the device

The device must be placed on a table which is sufficiently stable and solid to carry the device's weight. It is important to make sure the table has the appropriate height in order to assure an ergonomic use of the device and its accessories.

The front feet of the device incorporate a mechanism that allows them to be elevated, thusly facilitating the access to the front screen, buttons and connectors.

Keep the device far away from heat sources. There must be enough space around the device in order to assure its correct ventilation. Make sure to never obstruct the grids of the back and side pannels.

6.3 Electrical requirements

CEYA is delivered with the voltage corresponding to that of the local electricity network, according to the client's order. The device can be configurated in order to function with the following input voltage:

Single-phased 230V~ +/-10%, 3A, 50/60Hz
Single-phased 110V~ +/- 10% 6A, 50/60Hz

It is possible to change the voltage of the device through a mechanis, included in the back pannel of the device.

The device is earthed through the earth conductor of the network cable which is connected to the electrical installation. An appropriate earthing is essential in order to assure a safe use of the device. The input lines must be free of temporarily tension or current peaks, tension drops or overloads. The protector fuses in the devices are 6 A for a 10V~ tension or 3 A for a 220V~ tension. The devices comes with one fuse. In case this one melts down it must be replaced by one with the same characteristics in order to assure safety and avoid the risk of a fire outbreak.

Warning
Make sure the CEYA has been configurated correctly according to your local electricity network tension.

6.4 Environmental requirements

Quality of the air.

CEYA must be operated in a non-corrosive athmosphere. Corrosive materials such as acids can damage the electricity cables and the electronic components.
Metal dust is destructive for electrical devices.

Temperature.

In order to assure the best working conditions for CEYA, we recommend a room temperature of 20ºC to 25ºC and a relative humidity below 80%.

Safety warnings

Dangerous tensions exist inside the device! The devices pannels cannot be removed under any circunstances.

CEYA generates high tension radiofrequency energy. For a safe application, the active and passive plates must be applied correctly to the skin of the treatment area. An inappropriate positioning of the plates may cause skin burns.
Never use accessories that present any kind of damage, for instance: damage in the cable's isolation, the electrode's surface, the adherence of the materials of the passive and active plates to the silicone substract, etc.

An inappropriate use of the device, with an excessively long treatment and/or excessively high potency levels can cause skin burns which may generate hypertrophia, atrophia or anormal pigmentation or a combination of these three effects.

Chapter 7

Maintenance

7.1 General ideas

CEYA requires the following periodical maintenance:

Before starting a treatment, the insulating material of the active plate must be checked carefully for imperfections, damages to the surface, scars in the insulation or any other type of imperfection. Do not use the active plate if you find any kind of damage to its surface.

Before starting the treatment, the cables and connectors of the active and passive plates should be checked. Do not use them if you find any kind of damage and replace them with impeccable accessories.

After each treatment the active and passive plates should be cleaned carefully. This way you will enlarge their life expectation. Do not use agressive products such as acids, ammonia, etc. to clean the outside of the device.

We recommend you regularly inspect the device and its components. Contact you distributor whenever you detect any kind of anomaly.

Warning
The CEYA system cannot be repaired by the user. Any repair has to be done by the manufacturer or authorized personnel.

7.2 Time schedule for maintenance and calibration

In the following schedule you can find the regular maintenance operations required by CEYA.

Task	Frequency	Done by
Cleaning the application electrodes	after each treatment	User
Checking the isolation of the active and passive plates	before each treatment	User
Checking the cables and connectors of the accessories	before each treatment	User
Visual check-up of the central unit	Monthly	User
Checking the configuration and the calibration of the device	In case of irregular behaviour	Bioinside, S.L.

7.3 Suministro de información técnica.

Se proporcionará a petición, esquemas de circuitos, listados de componentes, descripciones, instrucciones de calibración y otras informaciones que ayudarán al personal técnico adecuadamente cualificado a reparar las partes del equipo que el fabricante designa como reparables.

7.4 Responsabilidad del fabricante

BLONSIDE, S.L. es responsable de la seguridad, fiabilidad y funcionalidad del equipo únicamente si:

- Las operaciones de montaje, ampliaciones, ajustes, modificaciones o reparaciones son llevadas a cabo por personas autorizadas por Blonside, S.L.
- La instalación eléctrica de las salas pertinentes donde se conecte el equipo cumplen con los requisitos adecuados.
- El equipo se utiliza de acuerdo con las instrucciones de utilización recogidas en este manual.

Se declina toda responsabilidad por daños provocados a personas o cosas que deriven de la manipulación incorrecta del equipo, falta de mantenimiento o mantenimiento inadecuado o la no observación de las directrices contenidas en este manual.

7.6 Garantía

El equipo CEYA está garantizado por un periodo de 24 meses a partir de su venta, siempre y cuando no se produzcan manipulaciones, intervenciones y actuaciones en el mismo por parte de personal no autorizado, ni cualquier tipo de negligencia en el uso del equipo.

La garantía se limita a la reparación gratuita, con la sustitución de las piezas en las que el personal técnico cualificado de Blonside, S.L. haya encontrado eventuales defectos de fabricación.

No quedan cubiertas en esta garantía las piezas sometidas al uso y/o desgaste por causa de la normal utilización y las que resulten dañadas por causa del uso incorrecto o por un mantenimiento inadecuado.

Las reparaciones derivadas de un choque mecánico, catástrofes naturales, defectos de la instalación eléctrica o uso impropio no quedarán cubiertas por la garantía. De igual forma, cualquier tipo de manipulación, mantenimiento y/o reparación por parte de personal no autorizado comportará la perdida automática de la garantía.

7.7 Asistencia técnica

Para cualquier información adicional sobre el uso y/o solicitud de asistencia técnica, contactar directamente con:

BLONSIDE, S.L.
C/ Sant Martí de l'Erm, 22
Polígono Industrial Font Santa
08970 Sant Joan Despí (Barcelona). España.

Teléfono: +34 93 477 42 63
Fax: +34 93 477 42 90

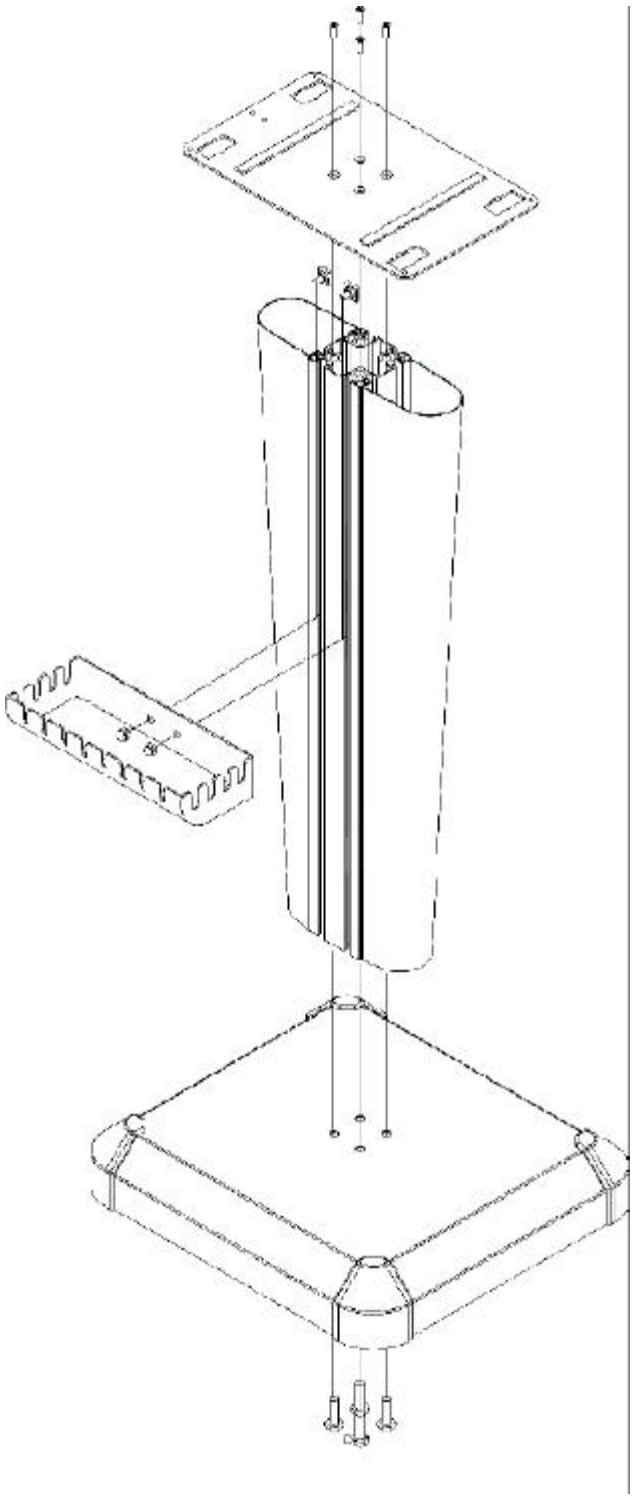
Chapter 8

	JAR OF GEL	5112016
	ELECTRICAL NETWORK CABLE	210054
	ELASTIC STRAPS	5111028 5111029 5111030
	CORPORAL COAXIAL COUPLER	5111091
	FACIAL COAXIAL COUPLER	5111092
	PASSIVE PLATE	5100087
	ACTIVE PLATE	5100086
	SAFETY CONTROL BUTTON	5112019

5100060	5111013	5100010	5111037

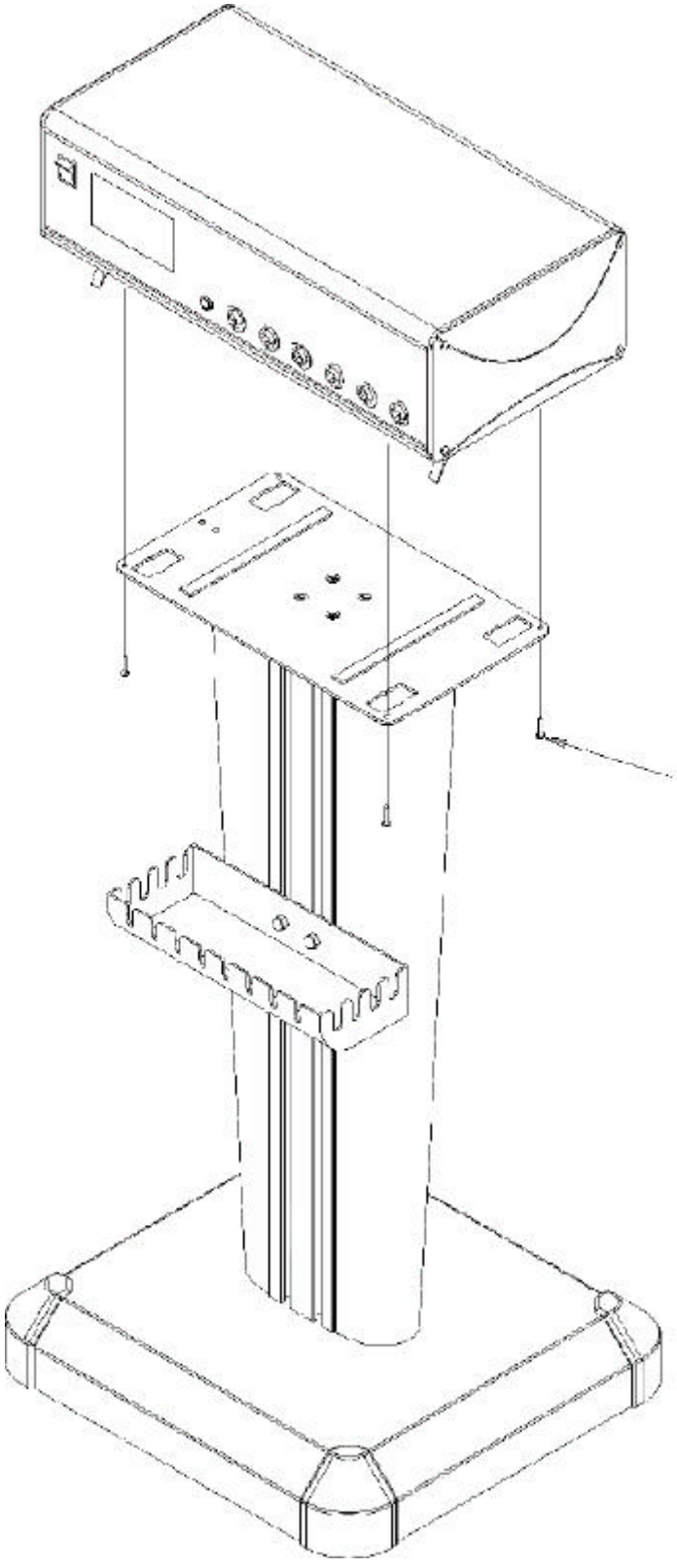
Chapter 9

Assembly of the stand
mod. 2000/3000



Assembly of the stand with the device

mod. 2000/3000



DECLARACIÓN DE CONFORMIDAD

DECLARATION OF CONFORMITY

89/336/CEE
73/23/CEE

ENERO 08
JANUARY 07

Nombre del Fabricante: *Manufacturer name:*	***BIOINSIDE INVESTIGACIÓN Y TECNOLOGÍA.SLU***
Dirección del Fabricante: *Manufacturer address:*	***SANT MARTÍ DE L'ERM 22 08970 SANT JOAN DESPÍ (Barcelona) - SPAIN***
Declara que el producto: *Declares that the product:*	**Electrocosmético** ***Electrocosmetic***
Nombre del producto: *Name of the product:*	**SERIE CEYA**
Marca: Brand:	EMA
Cumple con la normativa: *Accomplishes normative:*	**CE**
Seguridad Eléctrica: *Electrical Security:*	CLASE I TIPO BF UNE EN 60601
Compatibilidad Electromagnética: Electromagnetic Compatibility:	

EN 61000-3-2, EN 61000-3-3, EN 50081-1, EN 55011, EN-5002-1, EN 61000-4-2, EN 61000-4-2, EN 61000-4-3 + ENV 50204, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11.

Fdo. Eulalia Jaime Ureña

EMA
P.I Fontsanta. C/ Sant Martí de l'Erm 22
08970 Sant Joan Despí (Barcelona)
telf.93 477 42 62 - fax. 93 477 42 90